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presents



HACKANOVA 2.0

TECHNOLOGY FOR THE SOCIAL GOOD

IDEA SUBMISSION TEMPLATE

GUIDELINES

- You can increase/decrease points but the total slides should **not be more than 10.**
- Make your points expressible, no need to add heavy content.
- In case of discrepancies, the decision made by the organising committee will be final and binding.

Instructions to make a copy for online submission:

- Go to File > Make a Copy > Entire Presentation
- Save a copy of this file to your Drive (*Do not request access to edit this file*)
- Populate all the slides with relevant information
- Export as PDF and submit the file at [Devfolio](#) with your application
- Every team member has to upload the idea individually on their Devfolio application and then only form a team

Team Member Details

Team Name	Once Upon a RunTime			
Team Members >>	1 (Leader)	2	3	4
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Problem Statement

- In the tourism industry, tourist information is acquired mainly through magazines, newspapers, radio and other simple ways that are available easily. The problem with the existing system is that when the tourists are on the move, they are not able to get travel information on a timely basis. They do not provide important information as the user needs all in one place.
- Create a system that enables visitors to enjoy their stay without having to spend a lot of money on tourist services, and offer them support around-the-clock.

Idea/Approach

- **Google Sign-in-** The user needs to create an account for a secure authentication system and to have access to the features.
- **Location Finder** - This module is accountable to retrieve the user's current latitude and longitude using GPS. This will convert the coordinates into street addresses using Geocoding technology. This module can indicate the tourist attractions, hotels, and restaurants on the map.
- **Distance and Duration Measure** -This module is responsible to calculate the distance and duration between two points whenever a user wants.
- **Chatroom** - A common chatroom for folks to help each other out.
- **Information Portal** - Places to Visit, Hotels/Hostels to stay, Restaurant/Food outlets to eat, Travel Services available, Other services like Medical,General Stores, Police Stations, etc.

Tools/Items used

- Android Studio Code
- Flutter
- Firebase
- Google APIs
- Figma

Use Cases

- Showing the best possible route to a specific destination.
- Displaying a list of Hotels or Hostels to stay along with their details.
- Providing assistance in looking for famous but budget friendly and delicious food outlets.
- Giving several travel suggestions which can be followed to get to a destination.
- Depending on need, information about other services like, medical stores, general stores, emergency assistance, etc., can be available.
- Referring the list provided, can help the user determine whether a certain place is worth visiting or not.

Potential Problems which could be Faced

- How do I know if the Hotel/Hostel listed is safe or not?
 - On the Information portal where the hotel/hostel is listed, you can check the safety and reviews with the links to other websites are provided.
- In case of an emergency, how will referring the app help?
 - The app provides a list of Medical Centres and Police Stations available in the area, along with a list of all the Emergency Helpline Numbers. Also, you can ask for help in the chatrooms, where the locals can guide you.
- The food provided at a restaurant was not edible, even though it was recommended on the app. What should I do next?
 - The Restaurants recommended on the app, are listed on account of various reviews posted on several platforms including public opinion of the same. You can give a review about the restaurant on the app, which we will consider for future recommendations.

Social Impact Analysis

- Tourists/Immigrants using the app, will visit the places recommended on our app. This will allow various local businesses to flourish while making the existing businesses provide quality service to stay recommended on our app.
- Providing alternatives in every service provided on the application will lead to cost efficiency of the user. Planning a trip will be easier after checking all the necessities are in the same area where the person wishes to reside.
- 24/7 chatroom will allow the tourists to interact with the locals and essentials who can provide guidance and help.
- Tourists can explore and meet other people who are visiting the same destination and plan a trip with them.
- Our application can help increase the tourism in the city while providing reviews to improve it.